

wherein said controlling inhibits execution of an inhibited process in accordance with the data control information extracted from the data and controls the displaying to change a display style of the process function of each of the various processes to an inhibition display style.

BP 58. (Amended) A computer readable program for executing the steps of:
extracting data control information from data provided with the data control information to be used for restricting various processes; and
displaying a process function to be restricted in accordance with the extracted data control information, said displaying comprising displaying each process function in a display style corresponding to the restriction of that process function.

REMARKS

Favorable reconsideration, entry of this Amendment After Final Rejection, and allowance of this application is requested in view of the foregoing amendments and the following remarks.

Claims 1-10, 16-29, and 38-58 are pending in this application, with Claims 1, 16, 27, 28, 38, 46, 47, 50, 55, 57, and 58 being independent.

Claims 27, 28, 38, 46, 47, 50, 55, and 58 have been amended. Applicants submit that support for the amendments can be found in the original disclosure, and therefore no new matter has been added.

Applicants appreciate the indication that Claims 1-10 and 16-26 are allowed. For the reasons set forth below, Applicants submit that the remaining claims are also allowable.

Claims 11-15 and 27-58 were rejected under 35 U.S.C. §103 as being obvious over U.S. Patent No. 5,982,891 (Ginter et al.). Applicants respectfully traverse that rejection for the reasons discussed below.

As recited in Claims 27, 28, 38, 46, 47, 50, 55, and 58 the present invention includes, *inter alia*, the feature of displaying (or changing a display style of) a process function so as to display each process function in a display style corresponding to a restriction of the process function. Claim 57 recites, among others, the feature wherein a controlling step inhibits execution of an inhibited process in accordance with data control information and controls the displaying to change a display style of the process function of each of the various processes to an inhibition display style. With these features, a process function is displayed in a style that corresponds to a restriction or inhibition on the process function. Applicants submit that the cited art fails to disclose or suggest at least these features.

At most Ginter et al. discloses that process functions such as VDE function are displayed, but there is nothing in that patent to disclose or suggest that process functions be displayed using a display style corresponding to a restriction or inhibition of the process function. Accordingly, Applicants submit that the cited art fails to disclose or suggest at least the above-mentioned features and that Claims 27, 28, 38, 46, 47, 50, 55, 57, and 58 are also allowable over the art of record.

Dependent Claims 29, 39-45, 48, 49, 51-54, and 56 recite additional features that further distinguish the claimed invention from the cited art. Further individual consideration of the dependent claims is requested.

In view of the foregoing, Applicants submit that this application is in condition for allowance. Favorable reconsideration, withdrawal of the rejection set forth in the above-mentioned Office Action, and an early Notice of Allowance are requested.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should be directed to our below-listed address.

Respectfully submitted,


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APPENDIX

MARKED-UP VERSION SHOWING AMENDMENTS TO CLAIMS

27. (Amended Twice) A computer readable storage medium storing a program
for executing:

an extracting step of extracting data control information from data provided
with the data control information to be used for restricting various processes; and

a display step of displaying a process function to be restricted in accordance
with the data control information extracted by said extracting step, said display step displaying
each process function in a display style corresponding to the restriction of that process function.

[wherein said display step comprises a step of changing a display style in
accordance with the extracted data control information.]

28. (Amended Twice) A computer readable storage medium storing a program
for executing:

a registration step of registering data and corresponding data control
information;

a storage step of storing and managing the data registered at said registration
step;

a provision step of extracting the data control information from the data and
adding the data control information to the data, in response to a data distribution request, and

a displaying step of displaying a process function to be restricted in accordance with the extracted data control information, said displaying step comprising a step of changing a display style of the process function so as to display each process function in a display style corresponding to a restriction based on the data control information. [a changing step for changing a display style in accordance with the extracted data control information.]

38. (Amended Twice) A data processing apparatus comprising:

data processing means for processing data;

control means for regulating a process to be executed for the data by said data processing means in accordance with data control information which restricts execution of [to execute] the process at a plurality of levels; and

display means for displaying a process function to be restricted in accordance with the data control information, said display means displaying each process function in a display style corresponding to the restriction based on the data control information. [information, said display means changing a display style in accordance with the control information.]

46. (Amended Twice) A data processing system comprising:

a data supplying apparatus comprising distributing means responsive to a data distribution request for distributing data and data control information for restricting various processes to be performed for the data at a plurality of levels, to a distribution requesting side; and

a data processing apparatus comprising: data requesting means for issuing a request for a distribution of the data to the data supplying apparatus; data processing means for processing the data; control means for regulating the data processing to a level represented by the distributed control information; and display means for displaying a process function to be restricted in accordance with the data control information, said display means changing a display style of the process function so as to display each process function in a display style corresponding to the restriction based on the data control information. [information, said display means changing a display style in accordance with the control information.]

47. (Amended Twice) A computer readable storage medium storing a program executing:

a distributing step of distributing, in response to a data distribution request, data and data control information for restricting various processes to be performed for the data at a plurality of levels, to a distribution requesting side; and

a display step of displaying a process function to be restricted in accordance with the data control information, said display step comprising changing a display style of the process function so as to display each process function in a display style corresponding to the restriction based on the data control information. [the process function of each of the various processes.]

50. (Amended Twice) A computer readable storage medium storing a program executing:

a step of processing data;

a step of regulating a process to be executed for the data by said data processing step in accordance with data control information which restricts execution of [to execute] the process at a plurality of levels; and

a step of displaying a process function to be restricted in accordance with the data control information, said displaying step comprising displaying each process function in a display style corresponding to the restriction based on the data control information. [of the process.]

55. (Amended Twice) A computer readable storage medium storing a program executing:

a step, to be executed at a data supplying apparatus, of distributing, in response to a data distribution request, data and data control information for restricting various processes to be performed for the data at a plurality of levels, to a distribution requesting side; and

steps, to be executed at a data processing apparatus, of issuing a request for a distribution of the data to the data supplying apparatus, of processing the data, of regulating the data processing to a level represented by the distributed control information; and of displaying a process function to be restricted in accordance with the data control information, said displaying comprising changing a display style of the process function so as to display each process function

in a display style corresponding to the restriction based on the data control information [the process function of each of the various processes.]

58. (Amended) A computer readable program for executing the steps of:
extracting data control information from data provided with the data control information to be used for restricting various processes; and
displaying a process function to be restricted in accordance with the extracted data control information, said displaying comprising displaying each process function in a display style corresponding to the restriction of that process function. [wherein said displaying comprises a step of changing a display style in accordance with the extracted data control information.]

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